

DECLARATION

As a below named inventor, I hereby declare that: my residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHOD FOR PROVIDING VERY LARGE VIRTUAL STORAGE VOLUMES USING REDUNDANT ARRAYS OF DISKS

as described in the specification attached or of patent Application Serial No. _____ filed herewith and amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; that I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application; that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months prior to this application; and that I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations § 1.56(a). Such information is material when it is not cumulative to information already of record or being made of record in the application, and

- (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 (2) it refutes, or is inconsistent with, a position the applicant has taken or may take in:
 (i) opposing an argument of unpatentability relied on by the Office, or
 (ii) asserting an argument of unpatentability.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificates listed below and have also identified below any foreign application(s) having a filing date before that of the applications(s) on which priority is claimed:

| COUNTRY | APPLICATION NUMBER | Date Filed | Priority Claimed under 35 USC 119 |
|---------|--------------------|------------|--|
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |

I hereby claim the benefit under Title 35 United States Code § 120 of any United States application(s) listed below and, insofar as any subject matter of any claim of this application is not disclosed in the prior United States Application, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations § 1.56(a) which occurred between the filing date of the prior application and the national PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | |
|--|--|--------------------|
| FULL NAME OF FIRST JOINT INVENTOR Theodore E. Bruning, III | INVENTOR'S SIGNATURE <i>Theodore E. Bruning</i> | DATE 3/3/99 |
| RESIDENCE 14550 Timberedge Lane, Colorado Springs, Colorado 80921 | | CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | |
| FULL NAME OF SECOND JOINT INVENTOR Randal S. Marks | INVENTOR'S SIGNATURE <i>Randal S. Marks</i> | DATE 3/3/99 |
| RESIDENCE 15430 Desiree Dr., Colorado Springs, Colorado 80921 | | CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | |
| FULL NAME OF THIRD JOINT INVENTOR Julia A. Hodges | INVENTOR'S SIGNATURE <i>Julia A. Hodges</i> | DATE 3/3/99 |
| RESIDENCE 8335 Sutterfield Dr., Colorado Springs, Colorado 80920 | | CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | |

| | | | |
|---|--|----------------------|------------------------------|
| FULL NAME OF FOURTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Gerald L. Golden RESIDENCE 6315 Perfect View Dr., Colorado Springs, Colorado 80919 | | Gerald L. Golden | 3/3/99 CITIZENSHIP |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF FIFTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Ryan J. Johnson RESIDENCE 14270 Timberedge lane, Colorado Springs, Colorado 80921 | | Ryan J. Johnson | 3/3/99 CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF SIXTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Bert Martens RESIDENCE 685 Calumet, Monument, Colorado 80132 | | Bert Martens | 3/3/99 CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF SEVENTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Karen E. Workman RESIDENCE 12655 Forest Green Dr., Elbert, Colorado 80106 | | Karen E. Workman | 3-3-99 CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF EIGHTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Susan G. Elkington RESIDENCE 3245 Black Canyon Road, Colorado Springs, Colorado 80904 | | Susan G. Elkington | 3/3/99 CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF NINTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Richard F. Lary RESIDENCE 1650 Summit Point Ct., Colorado Springs, Colorado 80919 | | Richard F. Lary | 3/8/99 CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF TENTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Jesse Yandell RESIDENCE 2710 Fredricksburg Dr., Colorado Springs, Colorado 80922 | | Jesse Yandell | 3/3/99 CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF ELEVENTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Stephen Sicola RESIDENCE 20430 Indi Dr., Monument, Colorado 80132 | | Stephen Sicola | 3/3/99 CITIZENSHIP USA |
| POST OFFICE ADDRESS Same | | | |
| FULL NAME OF TWELTH JOINT INVENTOR | | INVENTOR'S SIGNATURE | DATE |
| Roger Oakey RESIDENCE 14105 Pine Glen Drive W., Colorado Springs, Colorado 80908 | | Roger Oakey | 3/3/1999 CITIZENSHIP |
| POST OFFICE ADDRESS Same | | | |

Express No.: EL280219036US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant/Patentee:

ପ୍ରକାଶକ ମନ୍ତ୍ରୀ

Bruning, et al.

Attorney File No.: 34309.830054.000

Serial No.: _____

Digital Docket No.: PD26112

Date Filed: Herewith

**For: APPARATUS AND METHOD FOR PROVIDING
VERY LARGE VIRTUAL STORAGE VOLUMES USING
REDUNDANT ARRAYS OF DISKS**

POWER OF ATTORNEY BY ASSIGNEE

Under the provisions of 37 C.F.R. § 3.71, the undersigned assignee of record of the entire interest in the above-identified patent/patent application by virtue of an assignment recorded (check as applicable):

- Concurrently Herewith
 Date Recorded _____
 Reel _____ Frame _____

Reel _____ Frame _____
elects to conduct the prosecution of the application/maintenance of the patent to the exclusion of the inventor(s). The undersigned hereby declares that she has reviewed the above-referenced assignment and hereby declares that, to the best of her knowledge, title is in the Assignee, and further declares that all statements made herein of her own knowledge are true and that all statements made on information and belief are believed to be true. The assignee hereby revokes any previous powers of attorney and appoints the following to prosecute this application/maintain this patent and transact all business in the Patent and Trademark Office connected therewith:

(Prosecuting Attorney List)

Irene Kosturakis, Reg. No. 33,724
Rich Lange, Reg. No. 27,296
Barry Blount, Reg. No. 35,069
Sarah T. Harris, Reg. No. 35,891
Joseph Arrambide, Reg. No. 39,589
Keith Lutsch, Reg. No. 31,851
Francis A. Sirr, Reg. No. 17,265
Earl C. Hancock, Reg. No. 19,472
William J. Kubida, Reg. No. 29,664
John R. Wahl, Reg. No. 33,044

Robert H. Kelly, Reg. No. 33,922
Stuart T. Langley, Reg. No. 33,940
Robert G. Crouch, Reg. No. 34,806
Carol W. Burton, Reg. No. 35,465
Elizabeth S. Cohen, Reg. No. 36,670
Lee R. Osman, Reg. No. 38,260
James A. Pinto, Reg. No. 40,774
Earl C. Hancock, Reg. No. 19,472
F.A. "Sandy" Sirr, Reg. No. 17,265
Patrick McBride, Reg. No. 39,295

Please direct all communications relative to this application to the following addressee:

**WILLIAM J. KUBIDA
Holland & Hart LLP
Post Office Box 8749
555 Seventeenth Street, Suite 3200
Denver, CO 80201-8749
Telephone (303) 295-8563**

ASSIGNEE

Digital Equipment Corporation

Date: 10 March 1999

BY: Frene Kosturakus

NAME: Irene Kosturakis

TITLE: Assistant Secretary / Assistant Clerk

Irene Kosturakis, Assistant Secretary / Assistant Clerk
Authorized To Sign This Document On Behalf Of Digital Equipment Corporation
Pursuant To Board Of Directors Resolution Date: September 25, 1998